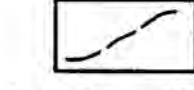


EXPLANATION



Flood-prone areas: The flood-prone area shown on this map has been based in part on Flood Plain Information Studies by the U. S. Army, Corps of Engineers. In areas where studies have not been made, flood levels were projected from available data. The flood level is approximately at the 100 year flood elevation, which means the frequency of occurrence at this magnitude is 1% each year or once in every 100 years.



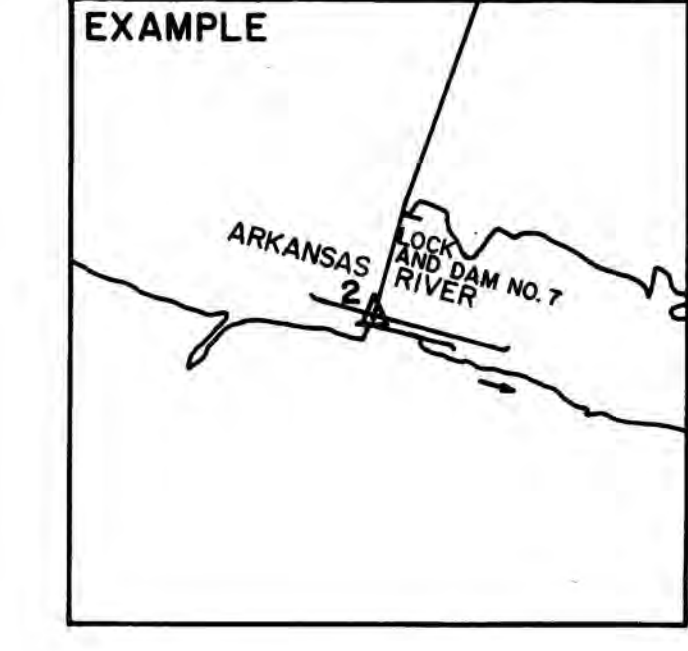
Drainage basin boundary: The top figure represents the area in acres and the bottom figure represents the area in square miles of the basin or that part of the basin in this report.

Example: 11,560.48 acres
18.06 square miles

Note: Some areas in the flood plain are protected by levees or floodwalls. Care should be taken in the construction of levees so that the natural drainage is not obstructed. For best utilization of the flood plain, structures and contents should be able to withstand damage from flood water, and any structure or fill in the flood plain should not restrict maximum flow during periods of flooding.

Low areas adjacent to the Arkansas River in the southeast corner of the map are protected by levees. These areas were not included in the flood-prone area except where local flooding was known to occur. Further investigations in these low areas may be necessary to provide adequate flood hazard information.

Areas of Selected Drainage Basins: Areas, in square miles, of selected drainage basins are shown in the following Table. Points on this map have been identified by symbol, number, and letter (example A-1-B). The symbol represents the point where the total drainage basin area was determined though only a portion of the basin may be shown on this map; the point may be situated at the intersection of two or more drainages. The number identifies the location and the letter identifies the particular drainage or combined drainages.

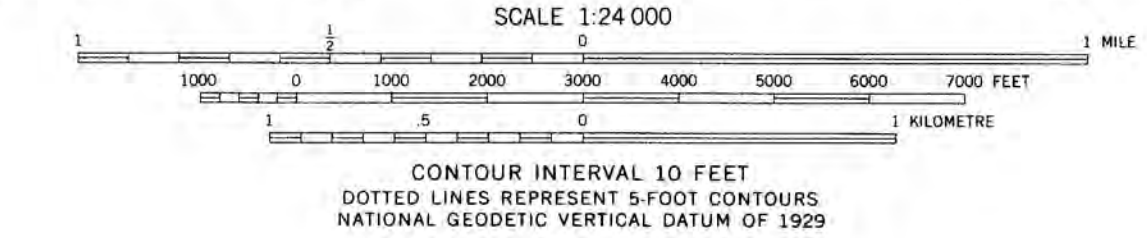
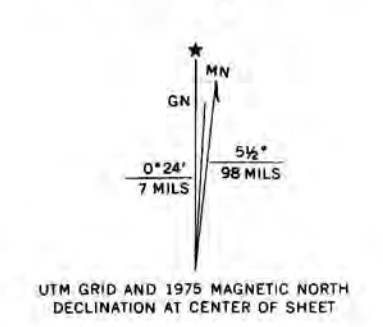


Location A	Drainage Basin Description	Area Sq. Miles
1	White Oak Bayou above Missouri Pacific RR Tracks	18.4
2	Arkansas River above Lock and Dam No. 7	158,030.0
3	White Oak Bayou	42.1
4	Arkansas River above Main Street Bridge	158,090.0

References

- Flood Plain Information, Arkansas River, North Little Rock, Arkansas; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1968
- Interim Flood Hazard Information, Dark Hollow, North Little Rock, Arkansas; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1974
- Flood Plain Information, Arkansas River and Tributaries, Pulaski County, Arkansas-Part I; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, November 1969
- Flood Plain Information, Fourche Creek and Tributaries, Little Rock, Arkansas-Part I; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1969
- Flood Plain Information, Arkansas River and Tributaries, Little Rock, Arkansas-Part II; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, August 1971
- Flood Plain Information, Arkansas River and Tributaries, Little Rock, Arkansas-Part III; by Corps of Engineers, U. S. Army, Little Rock, Arkansas, District, June 1973
- Drainage Areas of Streams in Arkansas, Arkansas River Basin; by J. N. Sullivan and J. E. Terry, U. S. Geological Survey Water Resources Division; Open File Report, Little Rock, Arkansas, 1970

Base from U. S. Geological Survey, 1975
10,000-foot grid based on Arkansas coordinate system,
south zone
1,000-meter Universal Transverse Mercator grid ticks, zone 15



Compiled from data gathered by U. S. Army, Corps of Engineers, Little Rock District and the Arkansas Geological Commission, Little Rock, Arkansas

FLOOD PRONE AREAS, NORTH LITTLE ROCK QUADRANGLE, ARKANSAS

By
WILLIAM V. BUSH and LONNIE B. GILBREATH
ARKANSAS GEOLOGICAL COMMISSION
IN COOPERATION WITH THE U. S. GEOLOGICAL SURVEY
1975